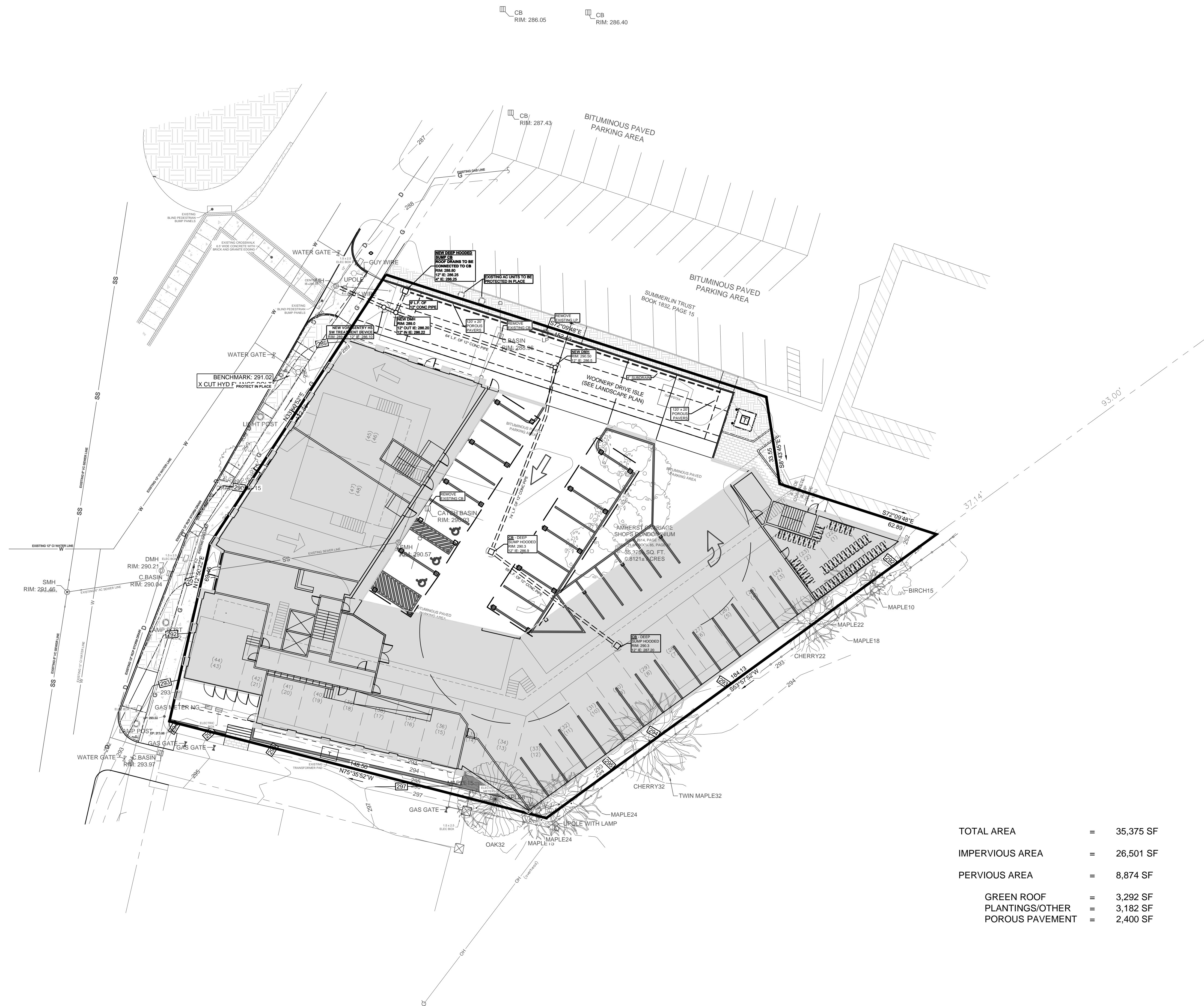


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SHEET
1 / 2



Drawing name: P:\Project\G1821 Archipelago Investments, LLC\Dwg\Concepts\G1821-CONC9.dwg Oct 22, 2014 - 3:59pm



TOTAL AREA	=	35,375 SF
IMPERVIOUS AREA	=	26,501 SF
PERVIOUS AREA	=	8,874 SF
GREEN ROOF	=	3,292 SF
PLANTINGS/OTHER	=	3,182 SF
POROUS PAVEMENT	=	2,400 SF

VOID - NO SIGNATURE

ANTHONY WONSESKI, JR. DATE
R.C.E. NUMBER: 46615

[illegible]

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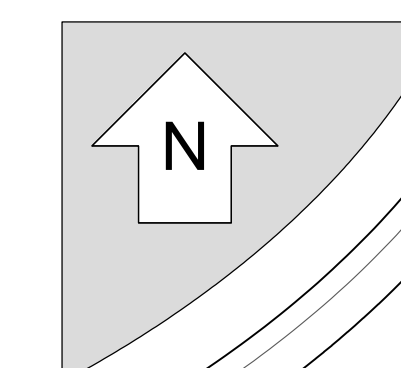
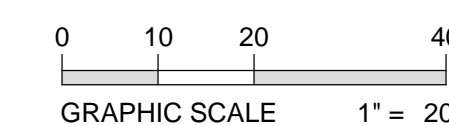
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DEVELOPED
HYDROLOGY

PROJECT TITLE

OWNER/DEVELOPER
123 MAIN ST.
GREENFIELD, MASSACHUSETTS

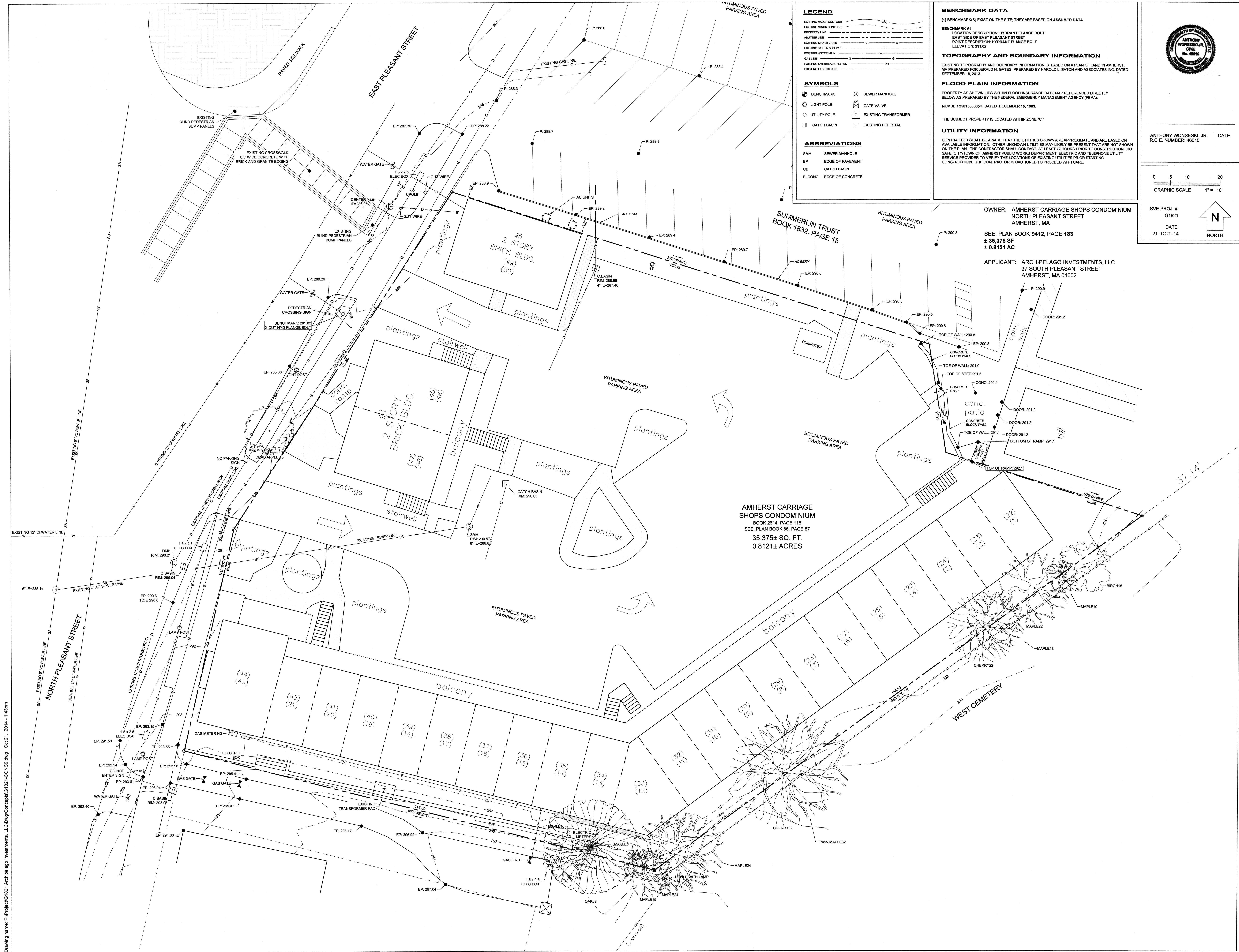


PROJ. G182

DATE
21 - OCT - 1964

DESIGN: AW
DRAWN: KAF
CHECKED: AW

SHEET
2 / 2



LEGEND

EXISTING MAJOR CONTOUR
EXISTING MINOR CONTOUR
PROPERTY LINE
ABUTTER LINE
EXISTING STORM DRAIN
EXISTING SANITARY SEWER
EXISTING WATER MAIN
GAS LINE
EXISTING OVERHEAD UTILITIES
EXISTING ELECTRIC LINE

SYMBOLS

SEWER MANHOLE
GATE VALVE
EXISTING TRANSFORMER
EXISTING PEDESTAL

ABBREVIATIONS

SMH SEWER MANHOLE
EP EDGE OF PAVEMENT
CB CATCH BASIN
E CONC. EDGE OF CONCRETE

BENCHMARK DATA

(1) BENCHMARK(S) EXIST ON THE SITE; THEY ARE BASED ON ASSUMED DATA.

BENCHMARK #1
LOCATION DESCRIPTION: HYDRANT FLANGE BOLT
EAST SIDE OF EAST PLEASANT STREET
POINT DESCRIPTION: HYDRANT FLANGE BOLT
ELEVATION: 291.02

TOPOGRAPHY AND BOUNDARY INFORMATION

EXISTING TOPOGRAPHY AND BOUNDARY INFORMATION IS BASED ON A PLAN OF LAND IN AMHERST, MA PREPARED FOR JERALD H. GATES, PREPARED BY HAROLD L. EATON AND ASSOCIATES INC. DATED SEPTEMBER 18, 2013.

FLOOD PLAIN INFORMATION

PROPERTY AS SHOWN LIES WITHIN FLOOD INSURANCE RATE MAP REFERENCED DIRECTLY BELOW AS PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA):
NUMBER 2501560005C, DATED DECEMBER 15, 1983.

THE SUBJECT PROPERTY IS LOCATED WITHIN ZONE "C."

UTILITY INFORMATION

CONTRACTOR SHALL BE AWARE THAT THE UTILITIES SHOWN ARE APPROXIMATE AND ARE BASED ON AVAILABLE INFORMATION. OTHER UNKNOWN UTILITIES MAY LIKELY BE PRESENT THAT ARE NOT SHOWN ON THE PLAN. THE CONTRACTOR SHALL CONTACT, AT LEAST 72 HOURS PRIOR TO CONSTRUCTION, DIG SAFE, CITY/TOWN OF AMHERST PUBLIC WORKS DEPARTMENT, ELECTRIC AND TELEPHONE UTILITY SERVICE PROVIDER TO VERIFY THE LOCATIONS OF EXISTING UTILITIES PRIOR STARTING CONSTRUCTION. THE CONTRACTOR IS CAUTIONED TO PROCEED WITH CARE.

ANTHONY WONSESKI, JR.
R.C.E. NUMBER: 46615

DATE

GRAPHIC SCALE
0 5 10 20
1" = 10'

SVE PROJ. #:
G1821

DATE:
21 - OCT - 14

NORTH

Holst Architecture

110 SE 8th Ave
Portland, OR 97214
www.holstarc.com

One East Pleasant

Pleasant St. East
Amherst, MA 01002

JOB NO. 14-038 - 00

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revision list

sheet title:
EXISTING CONDITIONS PLAN

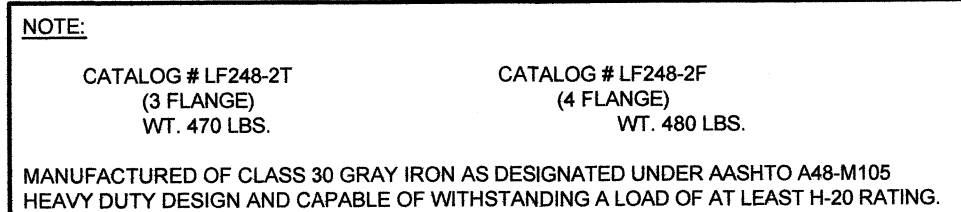
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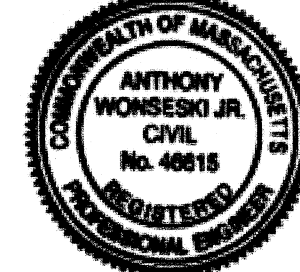
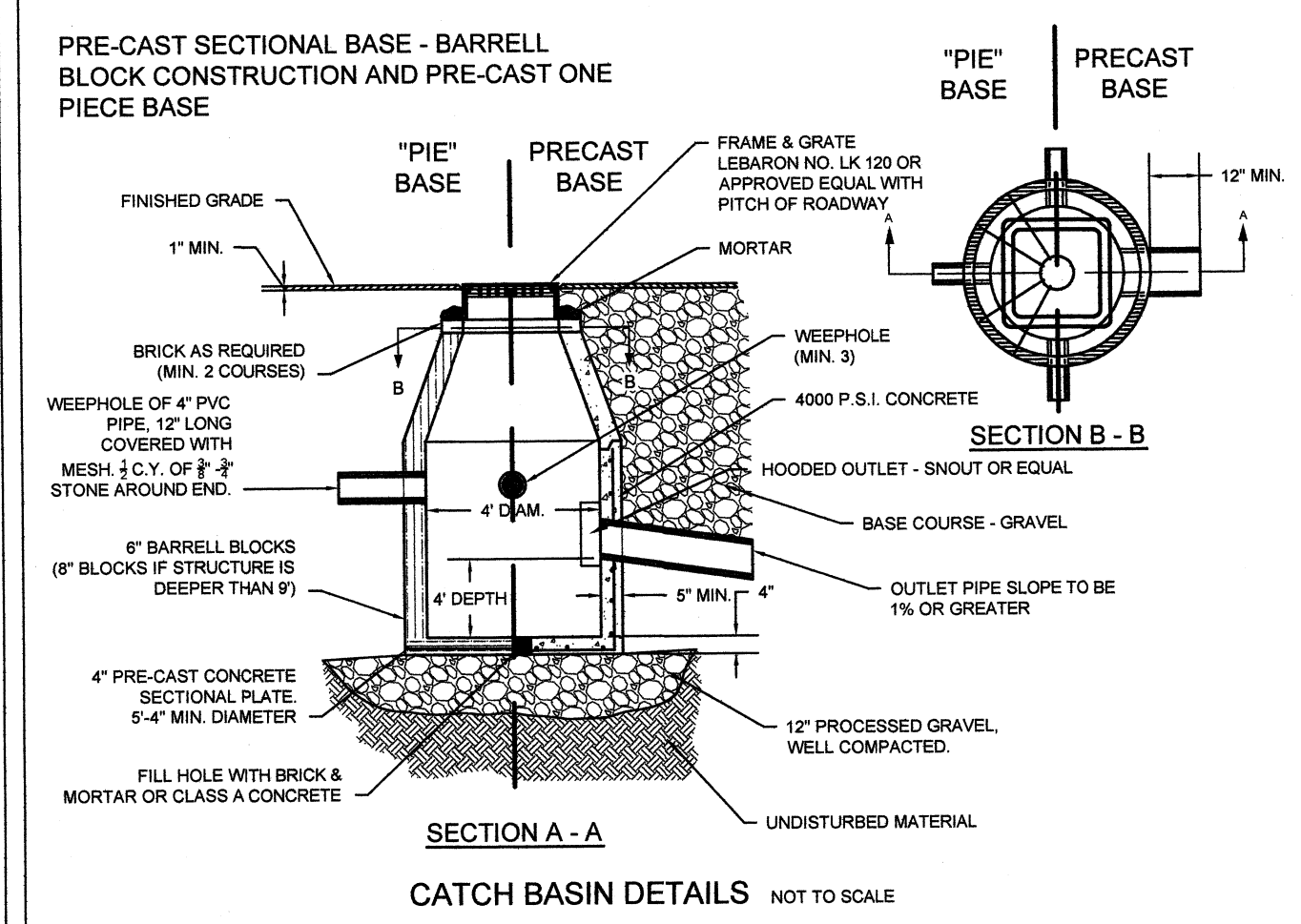
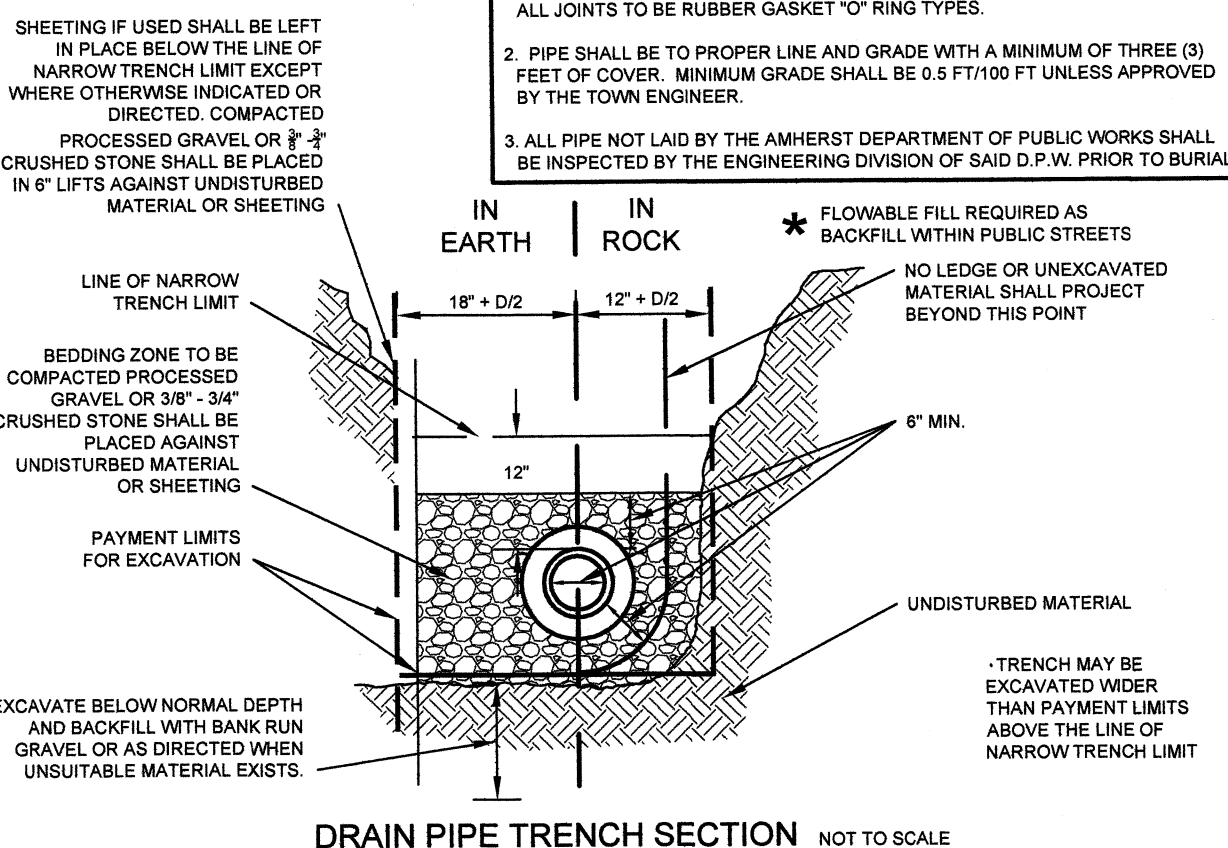
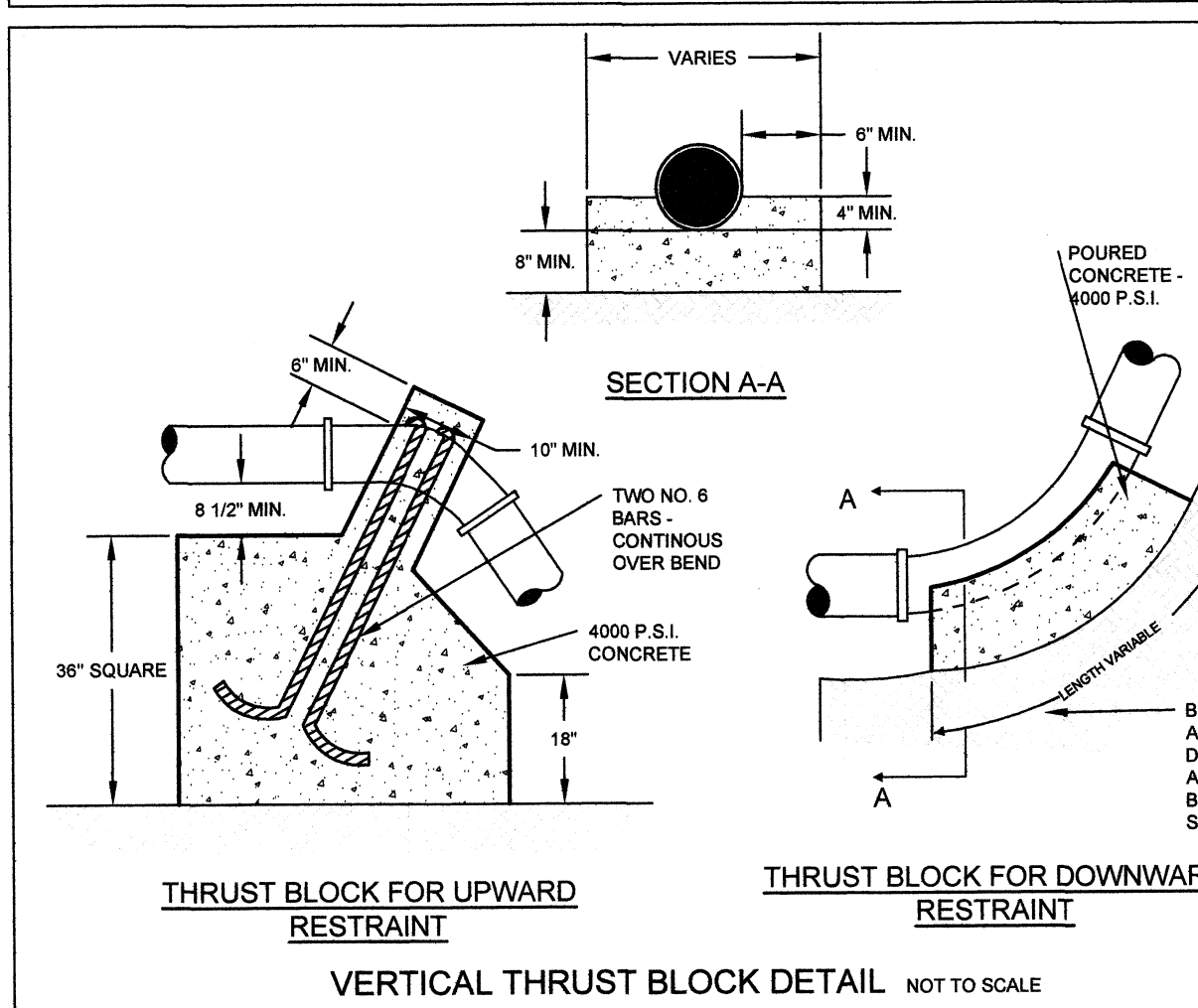


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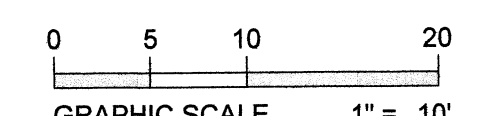


CONTRACTOR TO COORDINATE TRAFFIC
CONTROL WITH DPW AND TOWN POLICE
FOR WORK WITH IN THE PUBLIC R/W

TRENCH RESURFACING PER AMHERST
DPW STANDARDS (BACKFILL TO BE
FLOWABLE FILL WITHIN PAVED AREA)




ANTHONY WONSESKI, JR. DATE
R.C.E. NUMBER: 46615



SVE PROJ. #:
G1821

DATE:
21-OCT-14


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VORTSERTHY'S HS DESIGN NOTATION

***RATED TREATMENT CAPACITY IS SHOWN IN THE TABLE BELOW ON PER LOCAL REGULATIONS. MAXIMUM HYDRAULIC INTERNAL BYPASS CAPACITY VARIES. CONTACT YOUR CONTECH REPRESENTATIVE FOR FURTHER INFORMATION ON FLOW RATES.

THE STANDARD SLOPE CONFIGURATION IS SHOWN. ALTERNATE CONFIGURATIONS ARE AVAILABLE AND ARE LISTED BELOW.

CONFIGURATION OPTION DESCRIPTION

SEWIT INLET (NO OUTLET PIPE)

SEWIT INLET WITH INLET PIPE

VORTSERTHY'S HS GENERAL INFORMATION

Model	Manhole Diameter (D)	Total Treatment Flow Rate	Typical Total Flow Rate to Outside Bottom	Typical Inlet Distance From Inlet B	Typical Depth Below Invert C	Approximate Minimum Distance From Invert	Maximum Pipe Diameter (D)							
Model	FT	in	GFS	in	ft	in	ft	in	in	in				
HS36	3	900	55.5	15.6	10.76	3.10	4.08	1.24	5.58	17.02	30	9.3	19	450
HS48	4	1200	72.0	24.0	13.26	4.04	5.00	1.40	5.75	20.07	4.00	1.27	24	900
HS60	5	1500	230.0	63.0	15.13	4.61	6.00	1.98	7.96	24.05	4.62	1.47	30	750
HS72	6	1800	310.0	84.0	16.56	5.05	6.75	2.06	9.15	27.68	6.50	1.70	36	700
HS94	7	2100	510.0	160.0	18.85	5.75	7.75	2.36	10.35	31.56	5.00	1.52	42	1000
HS96	8	2400	810.0	229.0	20.67	6.30	8.50	2.59	11.54	35.18	6.91	2.11	48	1200

SITE SPECIFIC

DATA REQUIREMENTS

STRUCTURE ID	WATER QUALITY FLOW RATE (GFS)	PEAK FLOW RATE (GFS)	RETURN PERIOD OF FLOOD (YRS)	PPE DATA	LE	MATERIAL	DIAMETER
				INLET PIPE			
				OUTLET PIPE			
				RIN ELEVATION			
				ANTI-TURBULANCE BALLAST		WIDTH	HEIGHT

NOTES/SPECIFIC REQUIREMENTS

* PER ENGINEER OR RECORD

FRAME AND COVER

(DIAMETER VARIES)

N.T.S.

FRAME AND GRATE

(24" SQUARE)

N.T.S.

GENERAL NOTES:

- CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
- CONNECTIONS MARKED WITH A REFERENCE DIMENSION ARE TO BE MATCHED TO THE DIMENSIONS MAY VARY.
- FOR A FABRICATION DRAWING AND ALL REFERENCE DIMENSIONS, PLEASE CONTACT YOUR LOCAL CONTECH REPRESENTATIVE.
- FOR A FABRICATION DRAWING AND ALL REFERENCE DIMENSIONS, PLEASE CONTACT YOUR LOCAL CONTECH REPRESENTATIVE.
- CONTRACTOR TO PROVIDE SLOTTED LULU LIDS REPRESENTING SAME. WWW.CONTECH.COM
- CONTRACTOR TO PROVIDE ALL STRUCTURE MATERIALS AND ALL ACCESSORIES. ALL DESIGN DATA AND INFORMATION CONTAINED HEREIN IS THE PROPERTY OF CONTECH.
- CONTRACTOR SHALL MEET ALL ASHLEY HHS AND CASTINGS SHALL MEET ASHLEY MOULD ASHLEY MOULD RATING ASSOCIATION FOUNDATION/ELEVATION AT OR BELOW. THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO PROVIDE ALL MATERIAL, CIRCUMFERENCE INFORMATION.

INSTALLATION NOTES:

- CONTECH SHALL PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
- CONNECTIONS MARKED WITH A REFERENCE DIMENSION ARE TO BE MATCHED TO THE DIMENSIONS MAY VARY.
- FOR A FABRICATION DRAWING AND ALL REFERENCE DIMENSIONS, PLEASE CONTACT YOUR LOCAL CONTECH REPRESENTATIVE.
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CONTECH
ENGINEERING SOLUTIONS LLC
WWW.CONTECH.COM

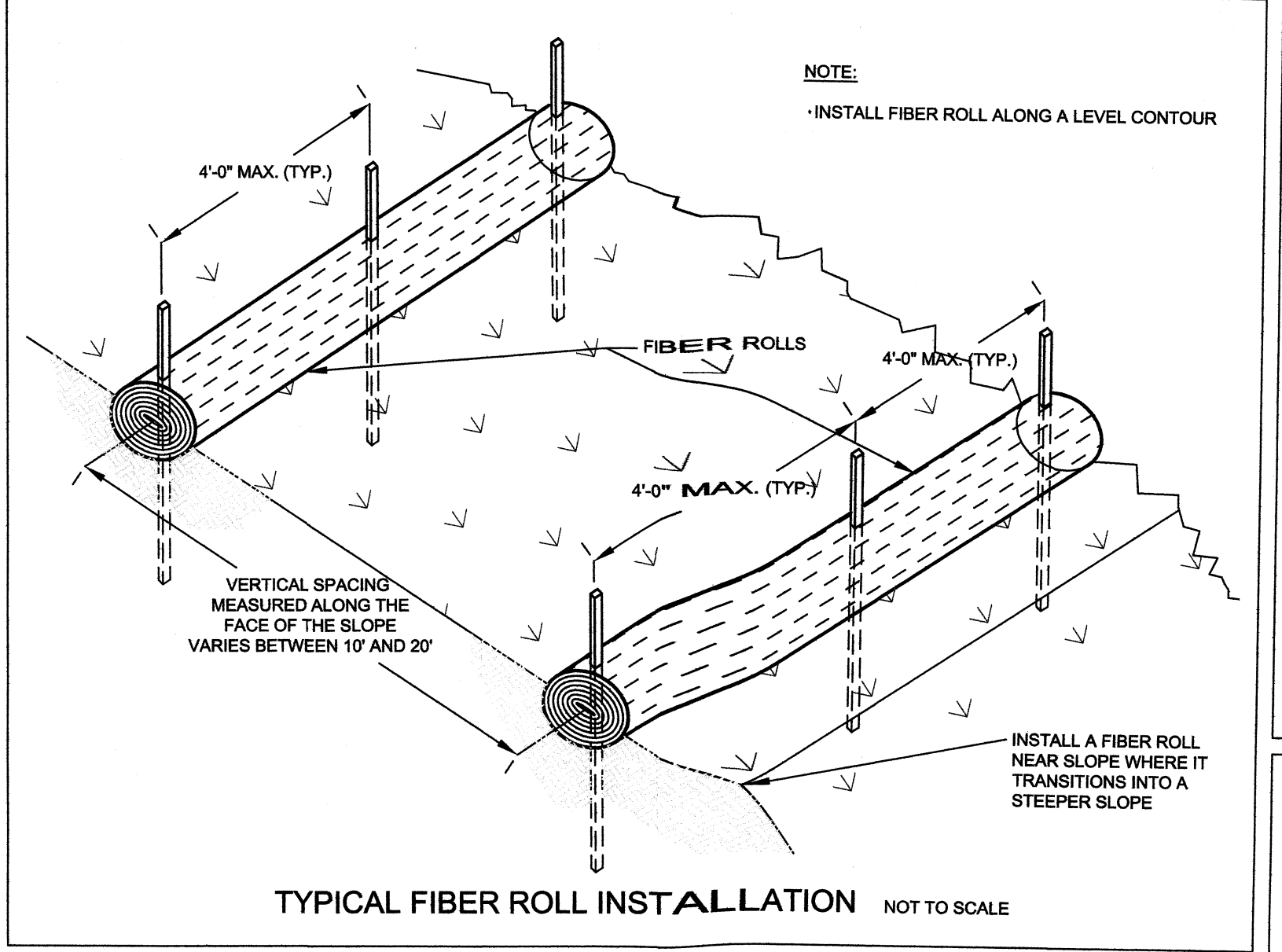
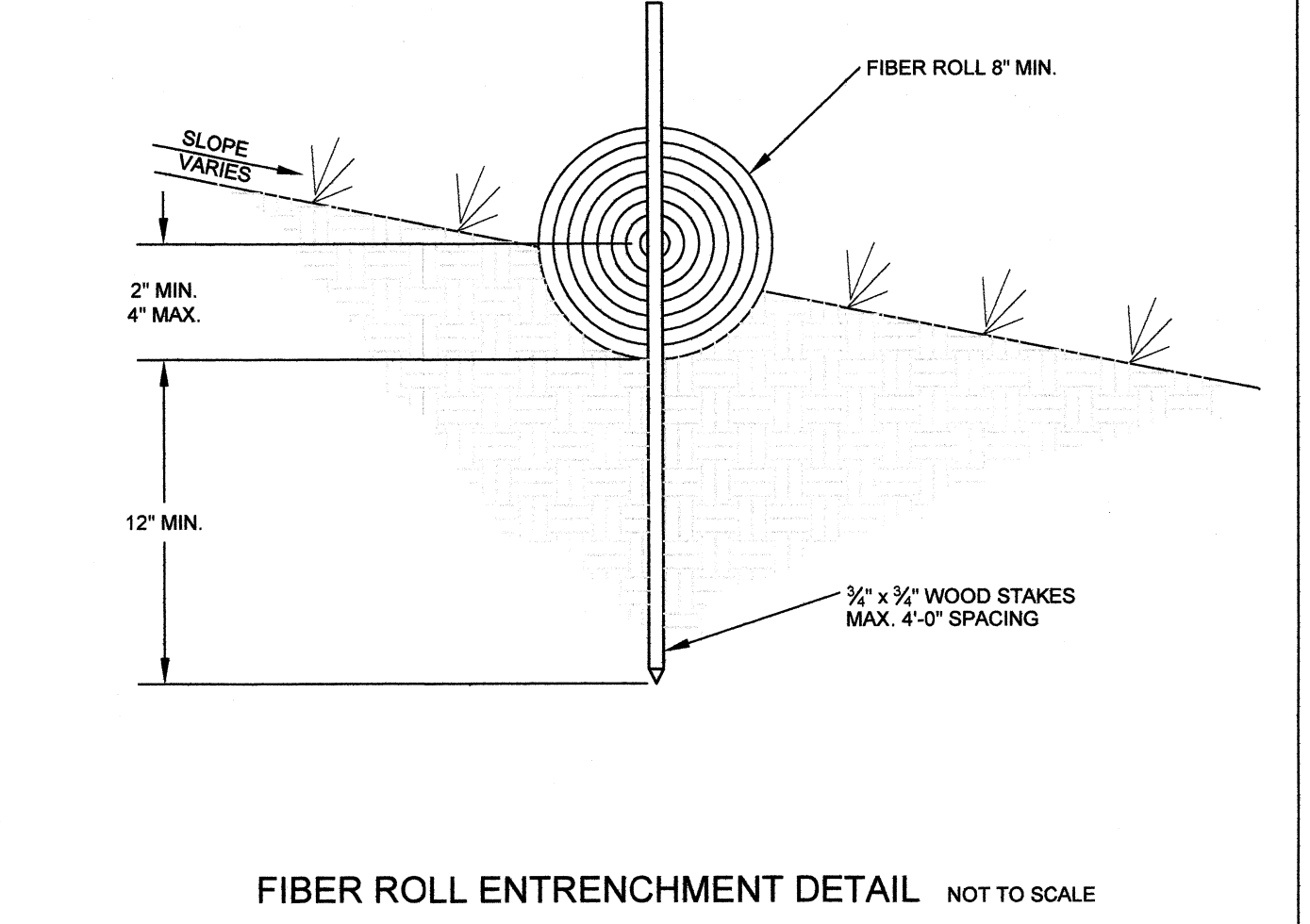
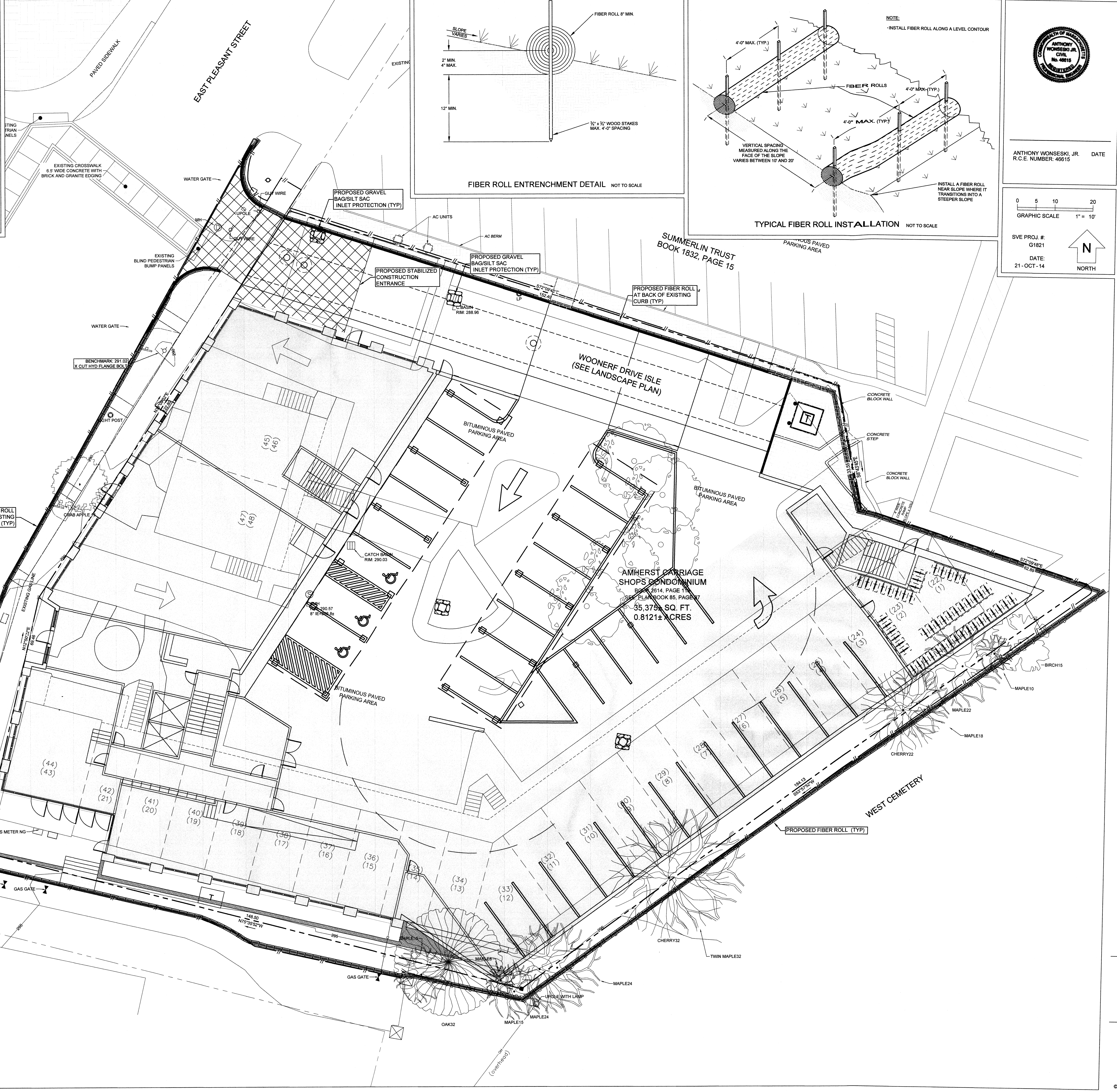
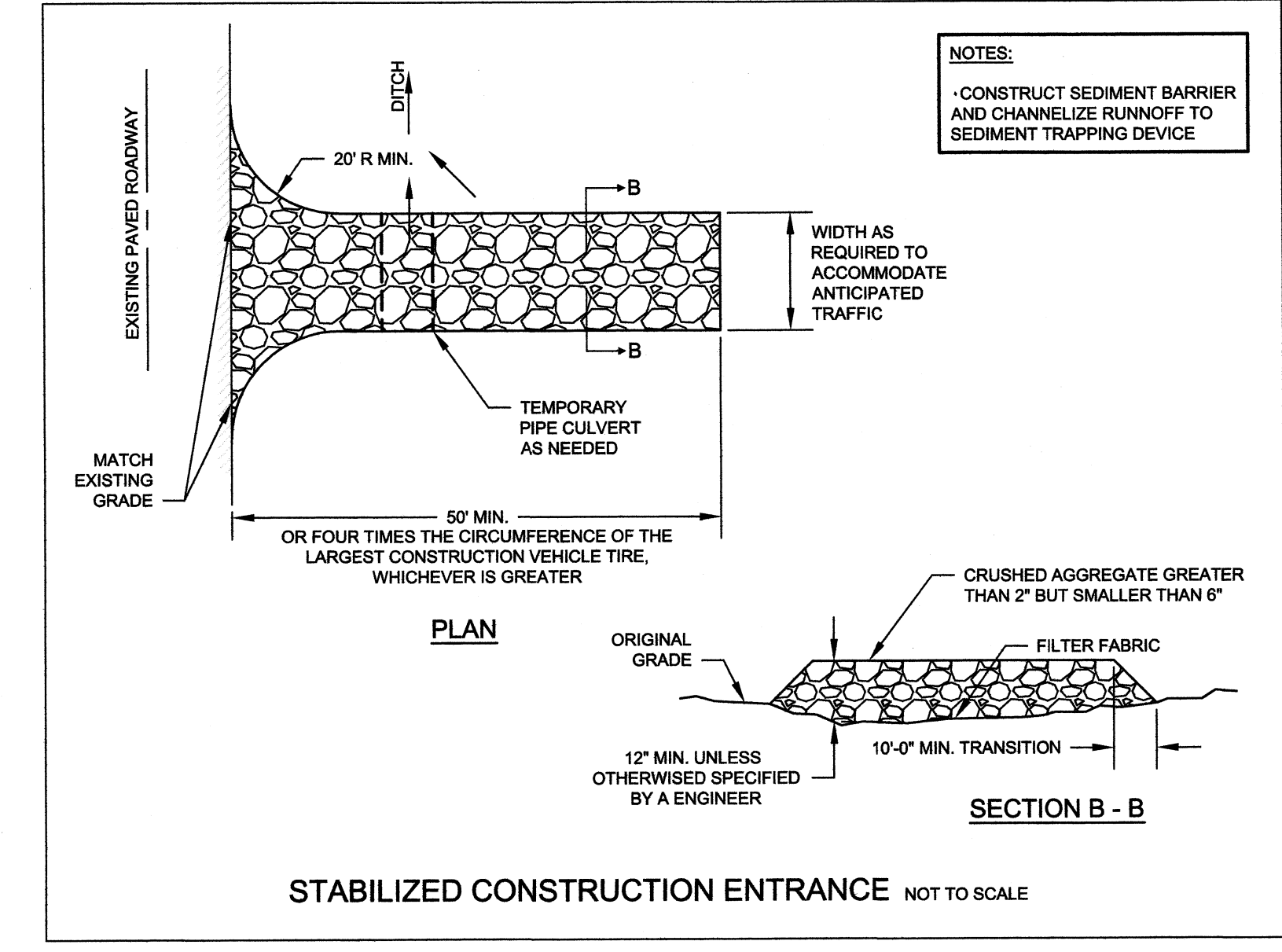
VORTSERTHY'S
STANDARD DETAIL

sheet title:

Sheet No.:

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ANTHONY WONSESO JR.
R.C.E. NUMBER: 49615

DATE

GRAPHIC SCALE 1" = 10'

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DATE: 21-OCT-14

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EROSION CONTROL PLAN

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